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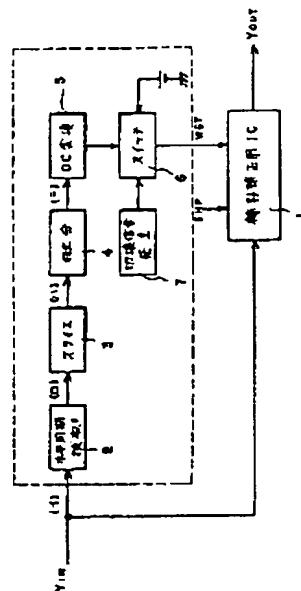
APPLICATION NUMBER : 02043072

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TITLE : CONTOUR CORRECTION CIRCUIT



ABSTRACT : PURPOSE: To make a pre-shoot and overshoot ratio of an output luminance signal constant by providing a detection means detecting the ratio of pre-shoot and overshoot in an input luminance signal and controlling the ratio of the pre-shoot and overshoot in a contour correction signal.

CONSTITUTION: A luminance signal with the pre-shoot and overshoot superimposed thereon is inputted to a contour correction IC 1 and fed to a horizontal synchronization extraction circuit 2 and only a horizontal synchronization pulse is extracted and sliced by a slice circuit 3 to extract only the lower side of the pre-shoot and overshoot respectively and differentiated by a differentiating circuit 4. The differentiating output is converted into a DC signal by a DC conversion circuit 5 to detect the ratio of the pre-shoot and overshoot of an input luminance signal. Then the detection signal is applied to a control terminal of the contour correction IC 1 via a switch circuit 6. Thus, even when the ratio of the pre-shoot and overshoot of a luminance signal output YOUT is not constant in the input luminance signal, the ratio is controlled to one to one.

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